

From: [Miller, Garyg](#)
To: [David Keith](#)
Cc: [Sanchez, Carlos](#); [Walters, Donn](#); [Foster, Anne](#)
Subject: FW: San Jacinto
Date: Wednesday, December 16, 2015 9:24:00 AM
Attachments: [0557-QIR-003 \(with Probe Locations\).pdf](#)

David,

As we discussed, please see the attached map and the email below. During the underwater inspection of the cap at the San Jacinto River Waste Pit Superfund Site last week on December 9 and December 10, 2015, the EPA Dive Team found an area located in the Northwest part of the cap where the armor rock was missing. The cap in this area consists of size "A" recycled concrete material (80% with median rock diameter 3-inches, and 20% filter gravel) with a minimum cap thickness of 12-inches. The exact area of displaced armor rock is unknown, but was at least 17-feet across.

In accordance with the Operations, Monitoring, and Maintenance Plan, please prepare a repair plan, including delineation of the extent of the armor displacement area and collection of surface sediment samples for dioxin/furan congener analysis, and proposed cap maintenance for the above referenced area, including quality assurance and quality control procedures. The repair plan should also include an expedited schedule and a description of the initial construction and inspection activities and results for this area.

Please let me know if you have any questions on this.

Regards,

Gary Miller
Remedial Project Manager
EPA Region 6 – Superfund Division (6SF-RA)
214-665-8318
miller.garyg@epa.gov

-----Original Message-----

From: Humphrey, Alan
Sent: Monday, December 14, 2015 3:06 PM
To: Luthans, William; Todd, Brandi; Leos, Valmichael; Gannon, Nick
Subject: FW: Email for San Jacinto

We gave Holly the four probe GPS points done on the "gap" in the armor cover in the northwest area and she had them dropped onto a base map. I was busy with the sonar so others know better, but the probe hit armor at points 2 and 4 and soft sediment at points 1 and 3, which lie between points 2 and 4. The distance between points 1 and 3 is 17 feet, but the actual length of the soft sediment patch W-E is a minimum of 17 feet and perhaps greater, not sure of the total area.

-----Original Message-----

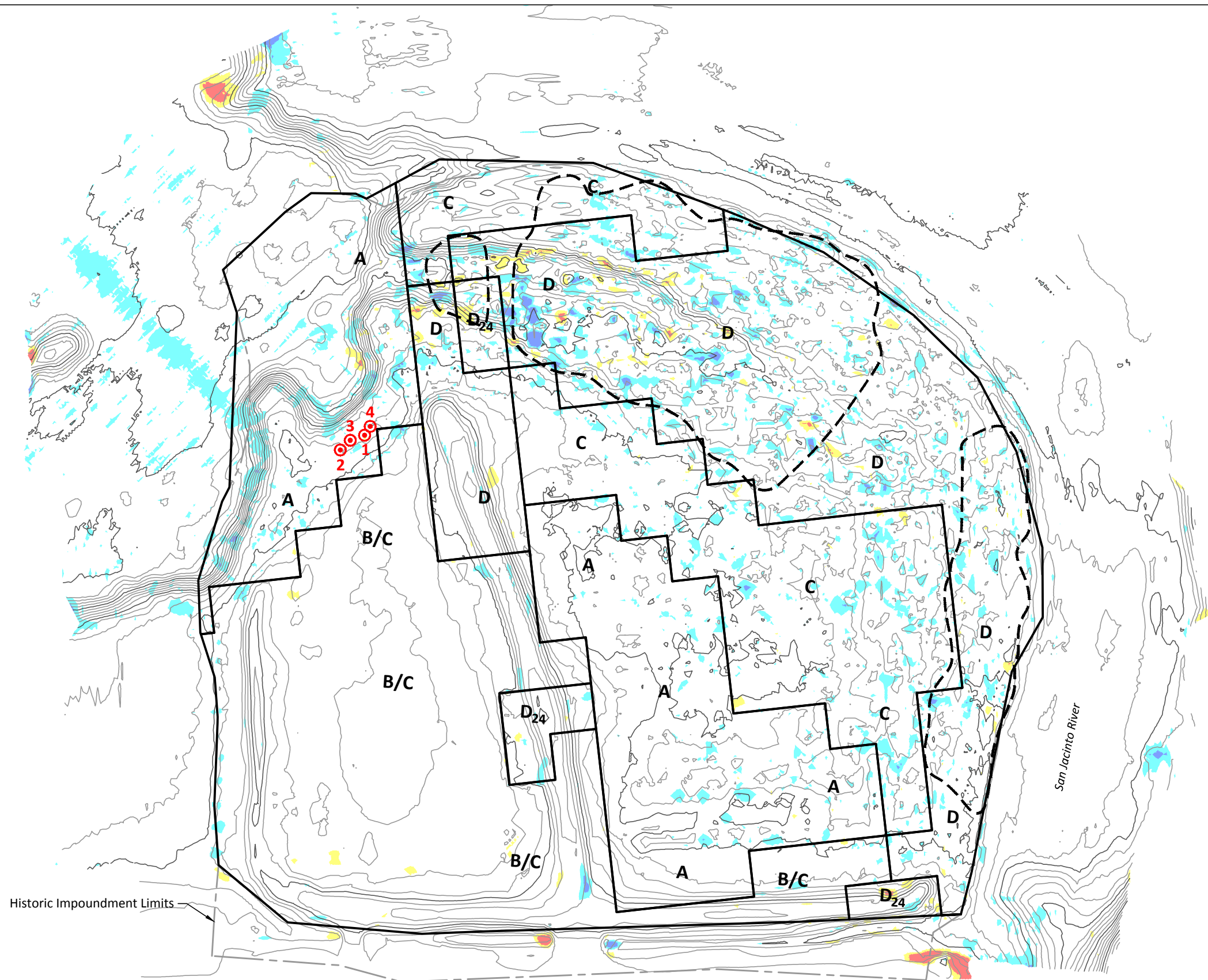
From: Holly Samaha [<mailto:hsamaha@anchorqea.com>]
Sent: Friday, December 11, 2015 10:50 AM
To: Humphrey, Alan <Humphrey.Alan@epa.gov>
Subject: RE: Email for San Jacinto

Hi Alan,

Great working with you the last few days. I hope you made it back to New Jersey safely. For your reference, one of our CAD guys plotted four of the probing locations over an elevation change map from the October 2015 survey.

During the probing yesterday morning, your team hit rock at locations 2 and 4. Locations 1 and 3 are the two points where sediment was encountered.

Regards,
Holly Samaha
ANCHOR QEA, LLC
hsamaha@anchorqea.com



LEGEND:

- October 2015 Bathymetric and Topographic Contours (1 Foot Interval)
- Probe Location
- Armored Cap Type and Boundary
- Historic Impoundment Limits
- > 1.0 Foot Increase
- 0.5 Foot Increase to 1.0 Foot Increase
- 0.5 Foot Increase to 0.5 Foot Decrease
- 0.5 Foot Decrease to 1.0 Foot Decrease
- > 1.0 Foot Decrease
- Example 30'x30' Area

SOURCE: Drawing prepared from surveys provided by Hydrographic Consultants dated July 2015 and October 2015.
HORIZONTAL DATUM: Texas State Plane South Central, NAD83, U.S. Feet.
VERTICAL DATUM: NAVD 88.

